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COMPACT HEAT EXCHANGER FOR A COMPACT COOLING SYSTEM

ABSTRACT OF THE DISCLOSURE

A heat exchanger including a first header having an inlet therein, a second header, an outlet in one of the first and second headers, and a plurality of flat tubes extending between the first and second headers for carrying a fluid between the first and second headers. A first connector is also provided for connecting a first exterior line to one of the first and second headers, the first connector being proximate and substantially parallel to an end of one of the flat tubes. In a compact cooling system, such heat exchangers may be disposed about a radial fan directing air flow outwardly away from the fan axis. One of a system inlet and a system outlet are connected via the first exterior lines to the first connectors of at least two of the heat exchangers.

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